38th Annual Meeting, APS Division of Plasma Physics 11-15 November 1996, Denver, CO Abstract Submittal Form

Deadline: Wednesday, 10 July 1996

Classification Category	☐ Theory ☐ Experiment
(Refer to the DPP Subject Category list on page M19.)	UCRL-JC-124295 Abs Rev 1
Investigation of the Conver	
Relativistic Electrons at Intensive K. Wharton, Y. Zakharenkov, C. B. Moody, A. Offenberger, M. Perry Lawrence Livermore National Labor We report on experiments using the 400fs, 10 ²⁰ W/cm ² focal intensity (Mo/Sn) to study the generation and energies. Such fast electrons are proposed applications, e.g., the fast emission spectroscopy is used to Characteristic K-a photon emission the front (Mo) and rear (Sn) layers CCD detector (single photon count energy deposition. The electron envarying the thickness of the Mo lay different amounts. In addition, pemission is used to give information of the fast electron emission. Cosimulations reveal a broad hig containing over 10% of the incider under the auspices of the U.S. Department of National Laboratory under contract number	Brown, B. Hammel, C. Joshi, J.
☐ Prefer Poster Session ☐ Prefer Oral Session ☐ Place in the following grouping: (Specify the order)	Submitted by:
	Signature of APS Member
☐ Special Audiovisual Requests	Member Name Typewritten
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